

PO No	Supplier	Line Item No	Ref No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due
PO039153	MES002-VC	1	1	Net 30	M304TS0 750W.049	304 Sq Tube .75X.75X.049W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft				1,000	3/12/2018	1,000		S048830	Stock	3/7/2018	\$ 3.80 / ft	0	
										Total: 1,000		1,000							

Plex 3/7/2018 2:44 PM Dart.Dubois.Pascal



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039153

Supplier: MES002-VC
Metaux Solutions
2625 boul Jacques-Cartier Est
Longueuil
QC
J4N 1L7 Canada
Phone: 800 558 8858
Fax: 514 633 8044

PO No: PO039153

PO Date: 3/1/18

Due Date: 3/12/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com



MAR 01 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M304TS0.750W.049		304 Sq Tube .75X.75X.049W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft	Firmed	3/12/18	1,000 ft	0 ft	1,000 ft	\$3.80/ft	\$3,800.00

Grand Total: \$3,800.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 3/1/18 11:03 AM dart.lavoie.chantal

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7 **Tel. : 450 641-3330**

Shipping Order

06/03/2018

Order : 133206
Reference : po039153
Ship : PICK UP / PICK UP

Customer : 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Ship To

Same

Tel. : 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
SSQT34340494	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N 304 SQ TUBE .750 X .049 WALL 50 x 20' ***** ht;AKE040273	1000	<u>1000</u>	<u>0</u>

50 x 20'

ship journey collect

jp

Shipping : _____

Ref. : _____

Package No : _____

Merchandise Received: _____

Shipping Order

06/03/2018

METAUX SOLUTIONS INC
 2625 BOUL JACQUES CARTIER EST
 LONGUEUIL, QUEBEC
 J4N 1L7 Tel. : 450 641-3330

Order : 133206
 Reference : po039153
 Ship : PICK UP / PICK UP

Customer : 6323336

DART AEROSPACE LTD
 1270, ABERDEEN STREET
 HAWKESBURY, ONTARIO
 K6A 1K7

Ship To

Same

Tel. : 1 613 632-3336

Item No.	Description	Qty	Qty. Delive	B/O Qty
SSQT34340494	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N 304 SQ TUBE .750 X .049 WALL 50 x 20' ***** ht;AKE040273	1000	<u>1000</u>	<u>0</u>

ship journey collect
 jp

Shipping : _____
 Package No : _____
 Merchandise Received : _____

Ref. : _____

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304750, 750W.049
 DATE: MAR 07 2018

PO / BATCH NO.: 039153, 5048830

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 1000'
 QUANTITY INSPECTED: 1000'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: W.049
 THICKNESS RECEIVED: W.049
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL PER M-DRAWING	Y	N	Astin A554
CORRECT THICKNESS	Y	N	
PHOTO REQUIRED	Y	N	
CORRECT REF # TO LINK CERT	Y	N	Heat # AK5040273
CORRECT MATERIAL IDENTIFICATION	Y	N	
CORRECT M# ON THE MATERIAL	Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

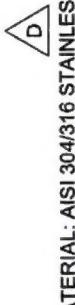
CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u> <u>9-89</u>	SIGNED OFF BY: _____
DATE: <u>MAR 07 2018</u>	DATE: _____

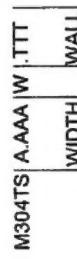
Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

PURCHASE MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING



FINISH:
 OR ASTM A554 MILL FINISH
ASTM A289 MILL FINISH

PART NUMBER:



PART NUMBER:
 EG. 0.75" X 0.75" X 0.049 WALL = M304TS0.750W.049

C

B

C

D

B

A

C

B

RELEASED
 2014-05-26
 (AP)

SEAMLESS REMOVED FROM PURCHASE MATERIAL	
D	*SEAMLESS* REMOVED FROM PURCHASE MATERIAL SPECIFICATION (SEE NCR#14-3816)
C	*SEAMLESS* ADDED TO PURCHASE MATERIAL. ASTM A289 ADDED TO FINISH.
	REASON: SPEC ADDED FOR 1/2" TUBING
B	DRAWINGS MOVED TO "B" SIZE BORDER FINISH ADDED (SEE NCR 08-045 FOR DETAILS).
A	NEW ISSUE
REV.	DESCRIPTION
DESIGN	DS
DRAWN	DB
CHECKED	DB
MFG. APPR.	DB
APPROVED	DB
DE APPR.	DB
DATE	14.05.20
	3
	2
	1
	0

1
 2
 3
 4
 5
 6
 7
 8

1
 2
 3
 4
 5
 6
 7
 8

A	DART AEROSPACE LTD
	HAWKESBURY, ONTARIO, CANADA
B	REV. D
C	SHEET 1 OF 1
D	SCALE
	NONE
	CONFIDENTIAL DRAFT
	DO NOT DISTRIBUTE
	THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE KEPT CONFIDENTIAL AND IS NOT TO BE COPIED OR DISCLOSED TO ANYONE EXCEPT THOSE EMPLOYEES OF DART AEROSPACE LTD. WHO ARE DRAFTED ON THE DRAWING. IT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE KEPT CONFIDENTIAL AND IS NOT TO BE COPIED OR DISCLOSED TO ANYONE EXCEPT THOSE EMPLOYEES OF DART AEROSPACE LTD. WHO ARE DRAFTED ON THE DRAWING.

Kingmaker Steel Co., Inc.

Stainless Steel Tube and Pipe

133 Belmont Drive, Somerset, NJ 08873-1203
 Tel.: (732) 302-1800, Fax: (732) 302-1822

81103

Date: 11/9/2017
 Invoice No: KM2017/2620
 Purchase P008957-1
 Order No:
 Sold To:

Material Certification

ISO 9001:2015
 ISO 14001:2004
 EN 10204/3.1B

Ship To:

Stainless Steel T.I.G. Welded Tubing. Country of Melt: Taiwan, Country of Origin: Taiwan.

Item	Description	Heat No.	Finish	Specification	Grade
1:	3/4" SQ X 0.049"W X 20'	AKE040273	MF	ASTM A554-16	MT-304
2:	5/8" SQ X 0.065"W X 20'	5D317	180G	ASTM A554-16	MT-304
3:	2-1/2" SQ X 0.120"W X 20'	TBG112661	MF	ASTM A554-16	MT-304
4:	3" SQ X 0.250"W X 20'	TBH090322	MF	ASTM A554-16	MT-304
5:	1-1/2" SQ X 0.125"W X 20'	5E382	MF	ASTM A554-16	MT-316/L

CHEMICAL PROPERTIES

	C	Si	Mn	P	S	Cr	Ni	Mo	N	Cu
1:	.040	.510	1.08	.029	.014	18.10	8.14			
2:	.019	.350	1.36	.028	.001	18.26	8.05			
3:	.016	.370	1.04	.024	.003	18.37	8.04			
4:	.022	.460	0.85	.029	.005	18.02	8.11			
5:	.019	.350	1.39	.031	.007	16.74	10.03			

MECHANICAL PROPERTIES

	Tensile (N/mm ²)	Yield (N/mm ²)	Elong. (%)	Hardness (HRB)	Flattening	Hydrostatic	Eddy Current
1:	673.00	235.00	46.00	82.80			
2:	646.00	322.00	53.00	85.00			
3:	651.00	289.00	52.00	83.00			
4:	633.00	305.00	54.00	87.00			
5:	623.00	314.00	47.00	82.00			

WE HEREBY CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, THE MATERIAL LISTED ABOVE HAS BEEN MANUFACTURED IN ACCORDANCE WITH AND MEET THE ABOVE APPLICABLE SPECIFICATIONS AND GRADES, AND ALSO THAT THE MATERIAL WAS PRODUCED IN A MERCURY FREE ENVIRONMENT. THE CHEMICAL COMPOSITIONS OF THE MATERIAL ARE IN ACCORDANCE WITH ASTM A240.

Carrie Wang

Authorized Signature

11/9/2017

Date